

ABSTRACT

Support structure with at least one support structure cell or module, especially variable support structure with cellular or modular construction. The invention relates to a support structure with at least one support structure module (91), especially a variable support structure with modular construction consisting of at least one support structure module, which is bounded by joints (114, 115, 126, 121) of a first joint set that lie in a first surface, and by joints (101, 102, 113, 108) of a second joint set that lie in a second surface, and with at least one joint (109) of a third joint set that lies outside of the first surface, whereby at least a portion of the joints of the first and second joint set is fixable in its position relative to one another, especially connectable with one another, by a guide mechanism, characterized in that, the at least one joint (109) of the third joint set is connected with at least two joints (114, 115, 113, 121) of the first and/or second joint set by a connecting element (39, 41, 43, 45) that transmits essentially only tension forces.